BODMAS 9+8-5=2x6 Bracket 15+3 x 12 = 41+ 10 3 x 9 - 14 = 24 - (+3) 8x6-13+3=7x6-4 136 3x9-14=24-11 24+4+5=66+ (-33) find missing no in given series 4, 18, 48, 100, 18.0, 294 here's the sequence stollowed in $3^{3} - 3^{2} = 4$ $5^{3} - 5^{2} = 100$ $7^{3} - 7^{2} = 294$ $3^{3} - 3^{2} = 18$ $6^{3} - 6^{2} = 180$ hence and is 48 $15 \cdot 31$, 63, 127, 255Bot The sequence followed here is X2+1, X2+1, X2+1 15x2+1=31 63x2+1=127 hence, the answer is 255. 1,8,27,64,125,216 Thesequence followed here is 13, 23, 33, 43, 53, 6 13=1 23=8 33=27 43=64 53=125 63=216 Hence, the answer is 216 132,156, 182, 210,240 The sequence followed here is +24, +26, +28, +30. So 132 + 24=156 182 + 28= 210 Hence He 156+26=180 210+30=240 8,24,12,36,18,54, 27. here the Sequence followed is x3:2, x3:2, x3:2, SO 8 x 3 = 24 = 2 = 12 thence, the answer is 1213=36=2=18 18 x 3 = 54 = 2 = 27 4, 16, 36, 64, 100, 144 here the sequence is There aus is 100 22=4 62=36 102 100 42=100 30129227,29,20,15 here the sequence followed is -1, -2, -3, -1 So 30-1=29 29-2=27 27-3=24 24 So hence the ans is 24.

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,4,15,25,37,51 nere the pattern followed is +6, +8, +10, +12 at 14 7+8=15 15+10=25 37+14=51 012,6,12,20,30,42 hence, answers 37 here The answer is 42 here the patter is +2, +4, +6, +8, +10 and +12. 48,24,72,36,108, 194. the pattern followed here is 48+24=72 Hence answer is 144 72+36=108 108 + 36 = 144 1,8,4,27,9,64 here the requence followed is here the requence followed is 12, 23, 22, 33, 32, 43... so our ans will be 43, 4x4x4=6 81,9,64,8,12 question not correct 3,6,8,16,18, 3 Good answers and way of attempting is okay. Solution:

Sequendmprove the paper presentation and attempt on here the Sequendmprove the paper presentation and attempt on 3 x 2 = 6 + 2 = 8 lined loose sheets Solution seguence followed is= +5, +10, +15, +20, +25, +30...

here the seguence followed is= +5, +10, +15, +20, +25, +30...

So 6+5=11+10=21+15=36+20=56+25=81

So 6+5=11+10=21+15=36+20=56+25=81 6,11,21,36,56,81